



Notice to Navigation Interests

US Army corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

Notice No.


Date

Waterway

Lake Erie, Ohio

LRB-TD-ONS

Condition of Federal Navigation Channel Toledo Harbor and Maumee River, Toledo, Ohio

1. Dredging was performed within the Federal Navigation Channel at Toledo Harbor and Maumee River from May through October 2002. A survey was then performed in the area of the dredging only. The results of the survey are shown on pages 2 through 5 of 5.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel rators are advised to use caution when navigating in this area.
4. Copies of the sounding prints for Toledo Ohio consisting of (6)sheets, 02S-TOL-3/1 through 02S-TOL-3/3 and 02S-TOL-3/5 through 02S-TOL-3/7 a cost of \$2.50 per sheet, and can be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain the Metadata and CADD files and view a color version of this map, point your web browser to **<http://www.lrb.usace.army.mil/waterways/survey/survey.html>** and locate the harbor on the table of harbors
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

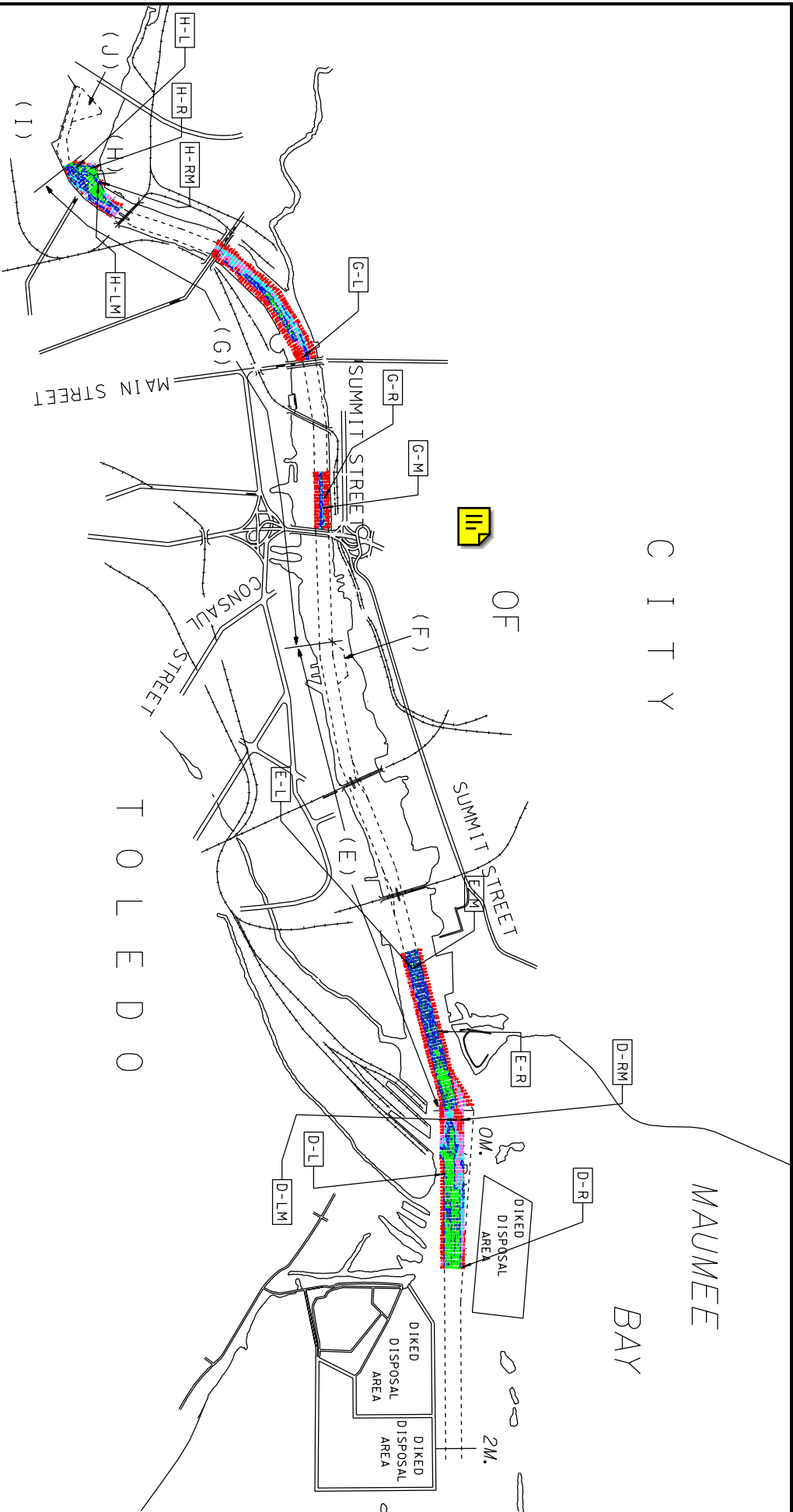
RAYMOND N. LEWIS, P.E.
Chief, NY/PA O&M Office

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER-1330-2-316)					PAGE 2 OF 5 PAGES			
					DATE			
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED			FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356					
RIVER/HARBOR NAME AND STATE TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) ENTRANCE CHANNEL.		500	4 (a)	29	NA	NA	NA	NA
(B) ENTRANCE CHANNEL CONTINUES.		500	5	29	NA	NA	NA	NA
(C) ENTRANCE CHANNEL CONTINUES.	JUNE 2002	500	5	29	27.1	28.2	27.7	24.4
(D) ENTRANCE CHANNEL CONTINUES.	OCTOBER 2002	500 – 950	2 (b)	29	24.6	25.4	25.4	22.9
(H) MIDDLE TURNING BASIN	AUGUST 2002	0-700	1300 (b)	27	26.3	25.5	27.4	27.3



REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE.
 (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)					PAGE 3 OF 5 PAGES <hr/> DATE		
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED				FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356			
RIVER/HARBOR NAME AND STATE TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
(E) MAUMEE RIVER CHANNEL, FROM THE END OF THE ENTRANCE CHANNEL TO THE UPSTREAM END OF THE LOWER TURNING BASIN.	OCTOBER 2002	400-100	14,000 (c)	29	28.2	28.1	22.2
(G) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	AUGUST OCTOBER 2002	200 300-400	18,900 (c)	29	22.5	25.2	23.8
(I) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.				25*	NA	NA	NA
(J) UPPER TURNING BASIN.		800	1100 (b)	18	NA	NA	NA
NOTE: SECTION "G" HAS A LEAST WIDTH OF 200 FEET THRU THE CENTER, AND 25 FOOT DEPTHS IN THE REAMAING 400 FOOT WIDTH TO JUST ABOVE THE CHERRY STREET BRIDGE, THEN WIDENING TO 300 FEET ON THE SOUTHEAST TO THE PENN-CENTRAL RAILROAD BRIDGE, THEN WIDENING TO THE FULL 400 FOOT CHANNEL WIDTH.							
REMARKS: (*) NOT MAINTAINED. (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.							



AREA	LEFT	MIDDLE	RIGHT
	(L)	(LM) (M) (RM)	(R)
D	24.6'	25.4', 25.4'	22.9'
E	28.2'	28.1'	22.2'
F	NA	NA	NA
G	22.5'	25.2'	23.8'
H	26.3'	25.5', 27.4'	27.3'
I	NA	NA	NA
J	NA	NA	NA

TO VIEW A COLOR VERSION OF THIS MAP, POINT
YOUR WEB BROWSER TO <http://www.jrd.usace.army.mil/waterways/survey/survey.html>

LEGEND

- DEPTHS 2.0' OR MORE ABOVE CONTRACT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE CONTRACT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE CONTRACT DEPTH
- DEPTHS AT OR BELOW CONTRACT DEPTH

TOLEDO HARBOR, OHIO

CHANNEL CONDITIONS

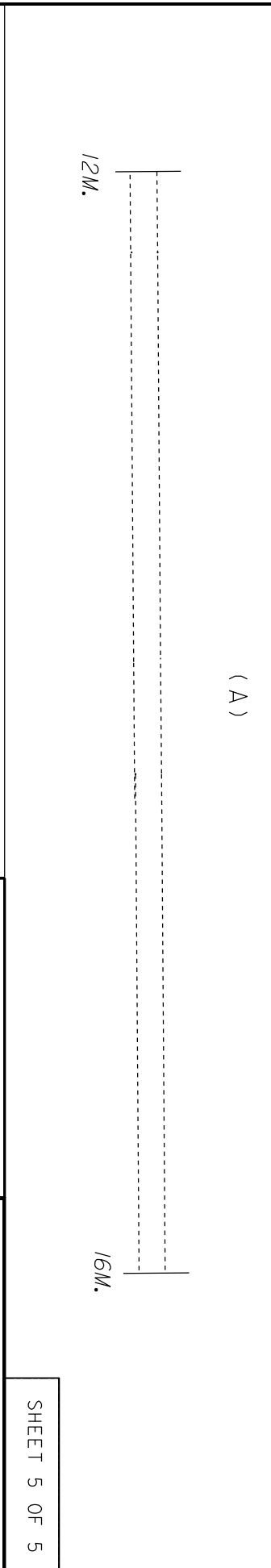
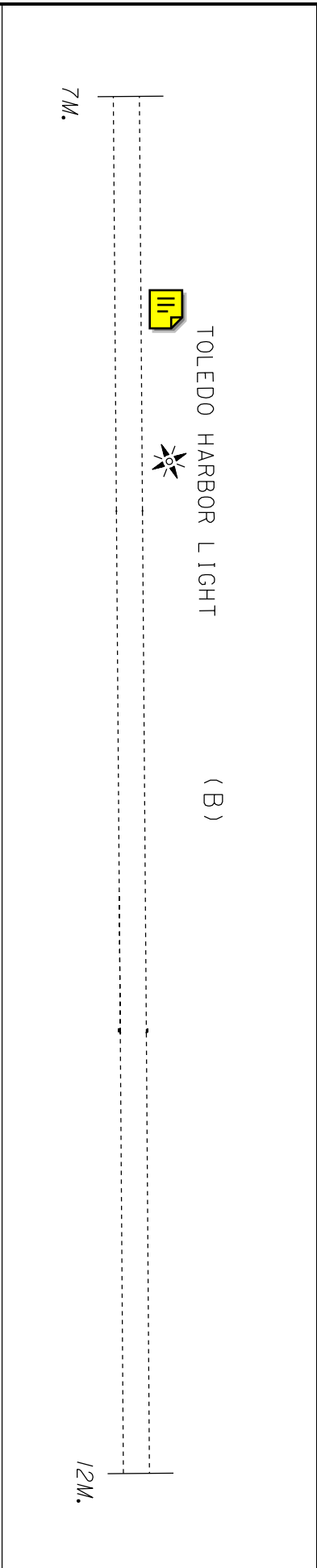
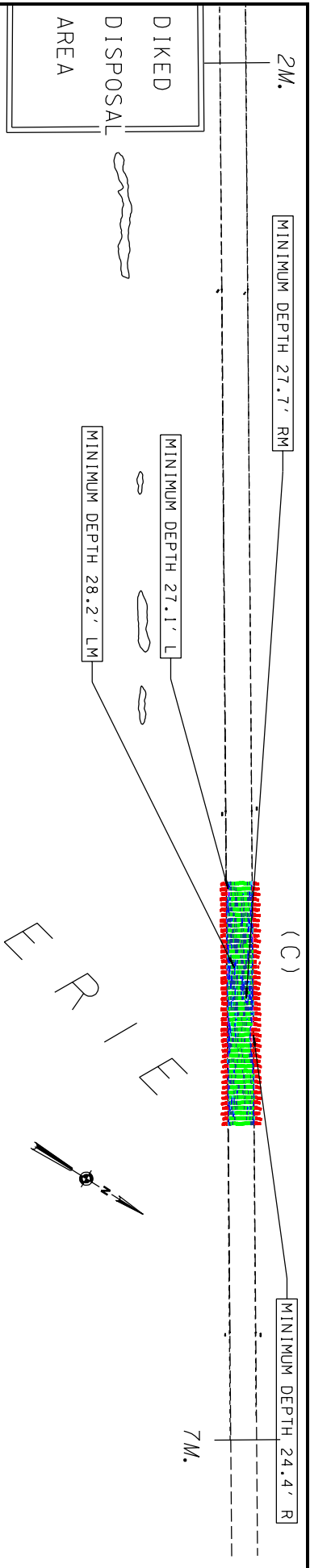
AFTER CONTRACT DREDGING
RIVER CHANNEL SECTIONS

SCALE OF FEET



CORPS OF ENGINEERS, BUFFALO, N. Y.

SHEET 4 OF 5



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TOLEDO HARBOR, OHIO
CHANNEL CONDITIONS
AFTER CONTRACT DREDGING
BAY SECTIONS

SCALE OF FEET
1500 0 1500 3000

CORPS OF ENGINEERS, BUFFALO, N. Y.